

Ara Coo = 1034 XW 90

Low temperature curing hardener with very long pot life

A modified, Mannich-base type hardener, providing high reactivity at low temperatures to corrosion protection coatings for pre-treated steel surfaces

Ara® Cool 1034 XW 90 is an ultra high solid hardener designed for applications requiring outstanding hardness development in combination with long pot life.

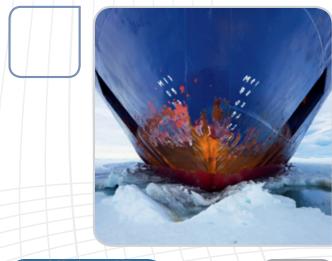
It allows for very low VOC formulations with good EHS-profiles. No induction time is needed.



- > Anti-corrosion coatings on pre-treated (blasted) steel
- > Marine, HDP and maintenance/repair
- > A multitude of general protective and decorative paints



- > Ultra high solid anti corrosion hardener for cure down to 5°C
- > Extremely long pot life versus outstanding low temperature reactivity
- > SVHC-free









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Typical product characteristics at delivery

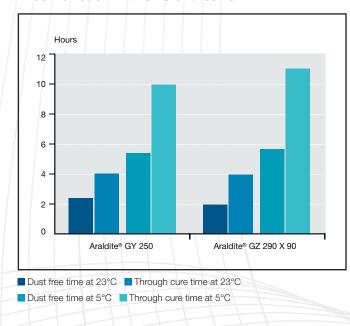
Viscosity	at 25°C	1 000 - 2 500 mPa.s
Recommended HAEW		105 - 155 g/Eq
Amine value		415 - 450 mg KOH/g

Typical characteristics when combined with Araldite® GZ 290 X 90 resin

Mix ratio	at HAEW = 155	55 : 100
Solid content of the mix		90 %
Pot life	at 23°C	1.5 hours
Tack free time	at 5°C	~ 5.5 hours
	at 23°C	~ 2 hours

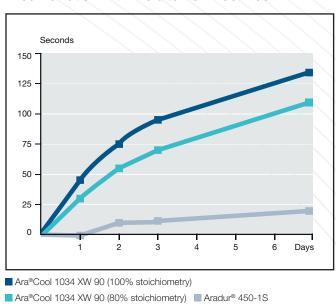
Cure speed at different temperatures

in combination with different resins



Pendulum hardness at 5°C

in combination with Araldite® GZ 290 X 90



Learn more on www.huntsman.com/advanced_materials

For any other information, please send an e-mail to advanced_materials@huntsman.com

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